

(d) a computer with memory operating pursuant to software capable of receiving the signals from the receiver and determining the location of the devices in the bounded area.

(21) The application of a radiolocation system as claimed in (20), to provide a real time display of the ball location, player location, or other game piece location, in sporting events, in order to enhance spectators' enjoyment and to aid trainers, players, and officials in accurately determining the ball's location and motion.

### ABSTRACT

This application describes a method and apparatus for precisely locating moving or stationary objects, with specific application to the real time display of the position of balls and/or players in sporting events and/or monitoring of airplanes in runways, prisoners in prison, children in childcare, and basically subjects in any area with predetermined boundaries.

### Related U S Patents

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6,133,946	Cavallaro et al.,	Oct 2000	348/135
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5,917,553	Honey et al.,	Jun 1999	348/578
6,148,262	Fry	Nov 2000	701/213
6,163,755	Peer et al	Dec 2000	701/301
6,163,278	Janman	Dec 2000	340/988
6,161,434	Fink et. al.	Dec 2000	73/587
6,161,018	Reed et al.	Dec 2000	455/456
6,163,035	Shibayama et al.	Dec 2000	250/559.33
6,157,230	O'Toole et al.	Dec 2000	327/156
6,163,504	Komninos et al.	Dec 2000	367/135
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6,042,487	Schrimmer et al	March 2000	473/353
5,564,698	Honey et al	Oct 1996	473/570
5,480,154	Barnhill et al	Jan 1996	473/199

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Name of Inventors: Eugene John and Heinrich Foltz

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